

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N031219W.M
 Title : SW846 8260
 Last Update : Wed Mar 13 03:33:31 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN054157.D 5 =VN054158.D 20 =VN054159.D
 50 =VN054160.D 100 =VN054161.D 150 =VN054162.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.406	0.452	0.508	0.508	0.485	0.483	0.474	8.23
3) P	Chloromethane	0.488	0.499	0.467	0.450	0.438	0.421	0.460	6.45
4) C	Vinyl Chloride	0.511	0.611	0.519	0.522	0.503	0.491	0.526	8.15#
5) T	Bromomethane	0.420	0.418	0.351	0.341	0.330	0.326	0.364	11.90
6) T	Chloroethane	0.348	0.377	0.311	0.305	0.288	0.281	0.318	11.64
7) T	Trichlorofluorome	0.759	0.834	0.676	0.671	0.635	0.622	0.699	11.67
8) T	Diethyl Ether	0.297	0.319	0.337	0.333	0.316	0.311	0.319	4.51
9) T	1,1,2-Trichlorotr	0.490	0.527	0.549	0.554	0.519	0.506	0.524	4.71
10) T	Methyl Iodide		0.503	0.662	0.759	0.771	0.752	0.690	16.33
11) T	Tert butyl alcoho		0.035	0.036	0.037	0.037	0.038	0.036	2.82
12) CM	1,1-Dichloroethen	0.478	0.534	0.544	0.544	0.515	0.502	0.519	5.03#
13) T	Acrolein		0.038	0.030	0.036	0.036	0.033	0.034	9.68
14) T	Allyl chloride	0.576	0.643	0.698	0.707	0.688	0.688	0.666	7.45
15) T	Acrylonitrile	0.125	0.147	0.155	0.158	0.155	0.157	0.150	8.34
16) T	Acetone	0.168	0.148	0.168	0.157	0.137	0.135	0.152	9.59
17) T	Carbon Disulfide	1.088	1.213	1.330	1.408	1.382	1.392	1.302	9.74
18) T	Methyl Acetate	0.238	0.290	0.322	0.335	0.328	0.332	0.308	12.28
19) T	Methyl tert-butyl	1.130	1.275	1.342	1.347	1.317	1.315	1.288	6.33
20) T	Methylene Chlorid	0.498	0.514	0.501	0.507	0.489	0.485	0.499	2.14
21) T	trans-1,2-Dichlor	0.473	0.491	0.515	0.516	0.498	0.493	0.498	3.25
22) T	Diisopropyl ether	1.188	1.277	1.337	1.399	1.385	1.395	1.330	6.29
23) T	Vinyl Acetate	0.762	0.932	1.006	1.063	1.060	1.062	0.981	12.11
24) P	1,1-Dichloroethan	0.780	0.874	0.880	0.886	0.858	0.846	0.854	4.61
25) T	2-Butanone	0.134	0.172	0.191	0.194	0.188	0.192	0.178	13.04
26) T	2,2-Dichloropropa	0.703	0.757	0.763	0.772	0.765	0.746	0.751	3.33
27) T	cis-1,2-Dichloroe	0.495	0.554	0.569	0.585	0.566	0.562	0.555	5.60
28) T	Bromochloromethan	0.334	0.364	0.350	0.360	0.345	0.341	0.349	3.28
29) T	Tetrahydrofuran	0.100	0.115	0.116	0.120	0.118	0.119	0.115	6.56
30) C	Chloroform	0.808	0.896	0.924	0.928	0.904	0.887	0.891	4.92#
31) T	Cyclohexane	1.406	0.886	0.832	0.821	0.788	0.783	0.919	26.26
32) T	1,1,1-Trichloroet	0.697	0.803	0.835	0.854	0.822	0.817	0.805	6.92
33) S	1,2-Dichloroethan		0.537	0.549	0.536	0.521	0.512	0.531	2.81
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.315	0.336	0.319	0.324	0.319	0.322	2.47
36) T	1,1-Dichloroprope	0.444	0.443	0.458	0.469	0.477	0.471	0.460	3.15
37) T	Ethyl Acetate	0.255	0.234	0.271	0.272	0.276	0.279	0.265	6.46
38) T	Carbon Tetrachlor	0.442	0.460	0.494	0.497	0.505	0.500	0.483	5.28
39) T	Methylcyclohexane	0.529	0.535	0.569	0.583	0.590	0.593	0.567	4.94
40) TM	Benzene	1.178	1.281	1.364	1.355	1.367	1.361	1.318	5.76
41) T	Methacrylonitrile	0.161	0.141	0.137	0.153	0.161	0.153	0.151	6.61
42) TM	1,2-Dichloroethan	0.407	0.447	0.460	0.451	0.458	0.446	0.445	4.36
43) T	Isopropyl Acetate	0.384	0.432	0.463	0.485	0.510	0.514	0.464	10.76
44) TM	Trichloroethene	0.379	0.404	0.425	0.418	0.418	0.412	0.409	4.05
45) C	1,2-Dichloropropa	0.285	0.326	0.334	0.338	0.342	0.338	0.327	6.57#
46) T	Dibromomethane	0.210	0.212	0.228	0.223	0.227	0.226	0.221	3.59
47) T	Bromodichlorometh	0.376	0.413	0.461	0.464	0.475	0.471	0.443	9.04
48) T	Methyl methacryla	0.193	0.206	0.244	0.254	0.255	0.262	0.236	12.24
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.004	0.004	0.003	7.91
50) S	Toluene-d8		1.149	1.223	1.173	1.212	1.198	1.191	2.50
51) T	4-Methyl-2-Pentan	0.201	0.219	0.246	0.260	0.272	0.276	0.246	12.23
52) CM	Toluene	0.756	0.786	0.851	0.852	0.883	0.885	0.835	6.32#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.342	0.383	0.459	0.482	0.515	0.525	0.451	16.34
54) T	cis-1,3-Dichlorop	0.421	0.468	0.529	0.546	0.565	0.570	0.516	11.54
55) T	1,1,2-Trichloroet	0.278	0.293	0.312	0.313	0.318	0.317	0.305	5.30
56) T	Ethyl methacrylat	0.291	0.326	0.354	0.380	0.409	0.423	0.364	13.78
57) T	1,3-Dichloropropa	0.438	0.475	0.516	0.512	0.526	0.527	0.499	7.13
58) T	2-Chloroethyl Vin	0.104	0.117	0.136	0.143	0.157	0.170	0.138	17.81
59) T	2-Hexanone	0.134	0.144	0.164	0.169	0.181	0.188	0.164	12.89
60) T	Dibromochlorometh	0.269	0.299	0.346	0.366	0.388	0.391	0.343	14.45
61) T	1,2-Dibromoethane	0.260	0.289	0.319	0.321	0.333	0.337	0.310	9.59
62) S	4-Bromofluorobenz		0.381	0.417	0.409	0.438	0.438	0.417	5.69
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.490	0.512	0.516	0.481	0.459	0.444	0.483	5.88
65) PM	Chlorobenzene	1.025	1.076	1.124	1.113	1.128	1.121	1.098	3.71
66) T	1,1,1,2-Tetrachlo	0.330	0.385	0.413	0.419	0.425	0.420	0.399	9.17
67) C	Ethyl Benzene	1.702	1.772	1.857	1.842	1.879	1.866	1.820	3.78#
68) T	m/p-Xylenes	0.651	0.690	0.725	0.723	0.739	0.740	0.711	4.86
69) T	o-Xylene	0.608	0.694	0.717	0.706	0.719	0.717	0.693	6.19
70) T	Styrene	0.928	0.990	1.107	1.130	1.184	1.186	1.087	9.77
71) P	Bromoform	0.182	0.222	0.264	0.290	0.309	0.317	0.264	20.01
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.136	4.404	4.099	3.899	3.794	3.670	4.000	6.64
74) T	N-amyl acetate	0.799	0.803	0.896	0.920	0.952	0.957	0.888	7.97
75) P	1,1,2,2-Tetrachlo	0.849	0.923	0.841	0.839	0.835	0.827	0.852	4.16
76) T	1,2,3-Trichloropr	0.755	0.833	0.739	0.729	0.716	0.640	0.735	8.49
77) T	Bromobenzene	1.087	1.119	1.063	1.035	1.036	1.011	1.059	3.73
78) T	n-propylbenzene	4.293	4.573	4.456	4.318	4.264	4.140	4.341	3.51
79) T	2-Chlorotoluene	2.669	2.831	2.654	2.548	2.511	2.447	2.610	5.26
80) T	1,3,5-Trimethylbe	3.385	3.614	3.387	3.248	3.197	3.133	3.327	5.21
81) T	trans-1,4-Dichlor	0.178	0.186	0.200	0.224	0.247	0.255	0.215	14.85
82) T	4-Chlorotoluene	2.636	2.631	2.616	2.582	2.604	2.567	2.606	1.04
83) T	tert-Butylbenzene	3.233	3.389	3.094	2.964	2.869	2.827	3.063	7.14
84) T	1,2,4-Trimethylbe	3.160	3.410	3.354	3.244	3.226	3.192	3.264	2.98
85) T	sec-Butylbenzene	3.984	4.363	4.085	3.890	3.801	3.708	3.972	5.87
86) T	p-Isopropyltoluen	3.417	3.641	3.590	3.458	3.427	3.376	3.485	3.04
87) T	1,3-Dichlorobenze	1.692	1.789	1.810	1.792	1.822	1.797	1.784	2.61
88) T	1,4-Dichlorobenze	1.727	1.696	1.774	1.760	1.783	1.773	1.752	1.93
89) T	n-Butylbenzene	2.202	2.463	2.751	2.768	2.840	2.862	2.648	9.87
90) T	Hexachloroethane	0.532	0.561	0.564	0.593	0.606	0.605	0.577	5.11
91) T	1,2-Dichlorobenze	1.713	1.783	1.803	1.735	1.732	1.696	1.744	2.36
92) T	1,2-Dibromo-3-Chl	0.128	0.126	0.135	0.133	0.133	0.136	0.132	3.25
93) T	1,2,4-Trichlorobe	0.596	0.703	0.950	0.990	1.063	1.105	0.901	22.76
94) T	Hexachlorobutadie	0.723	0.748	0.696	0.623	0.598	0.597	0.664	9.99
95) T	Naphthalene	1.319	1.387	1.859	1.992	2.212	2.353	1.854	22.89
96) T	1,2,3-Trichlorobe	0.733	0.774	0.975	0.991	1.027	1.058	0.926	14.84

(#) = Out of Range